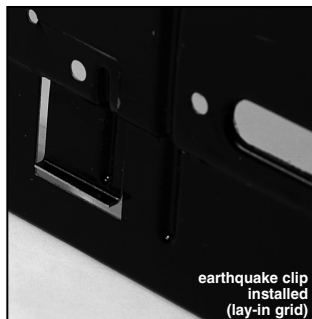
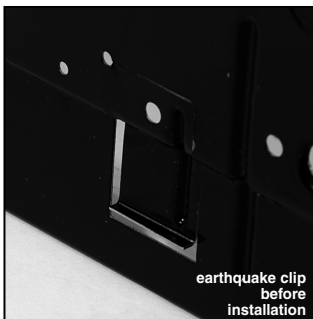
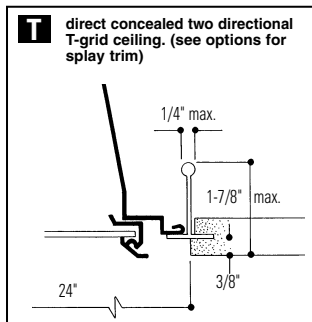
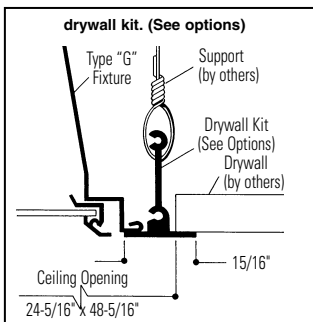
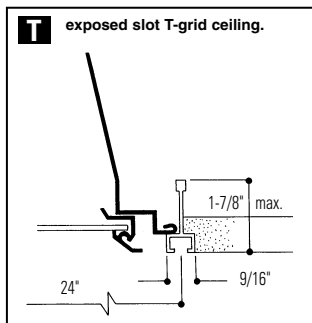
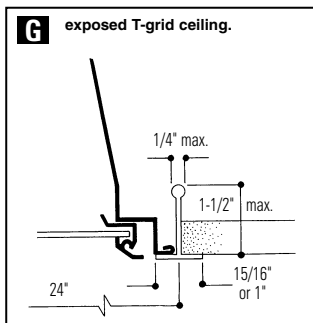


Features

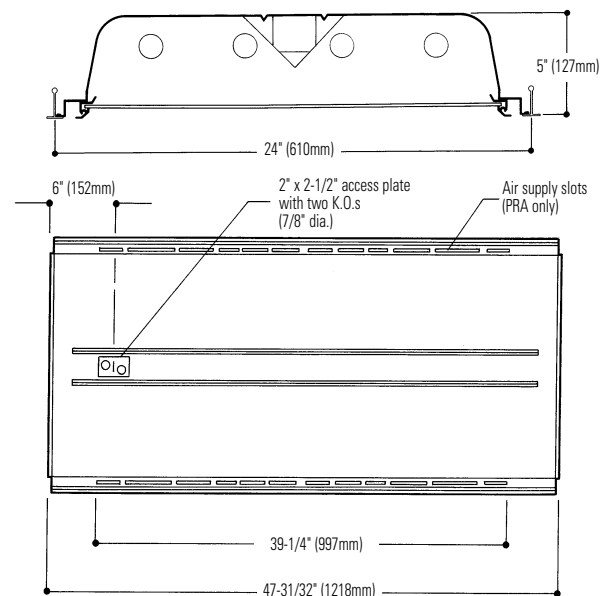
- 5" deep body.
- 2-9/16" lamp to lens for better lamp obscuration.
- 76.7% efficient.
- Black housing exterior for cooler ballast operating temperature.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing has ribbed construction for added strength.
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Door jamb finished black on four sides for positive light stop.
- True mitered corner aluminum lens frame.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.



MOUNTING METHODS



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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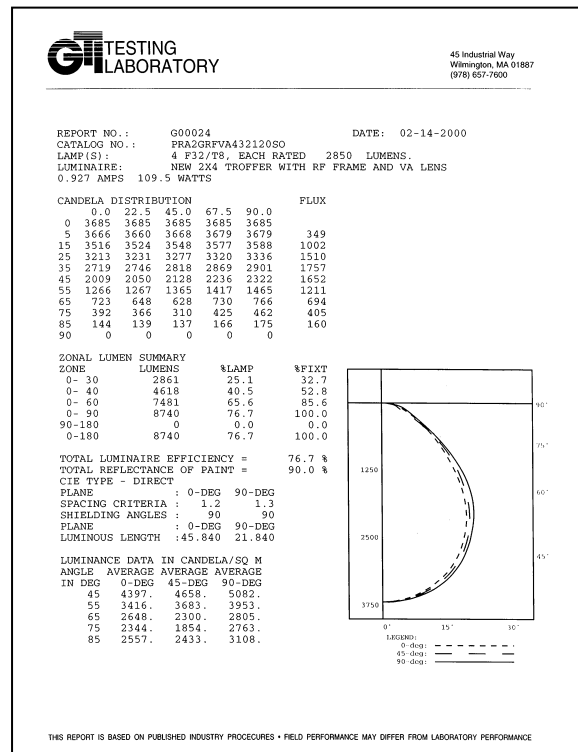


PRISMALYTE *plus* PRA2GRFVA432

Page 2 of 2

2'x4' RECESSED FLUORESCENT, FLOATING LENS FRAME WITH BLACK REVEAL
STATIC OR AIR SUPPLY/RETURN, 4 LAMP, T8 OR T12

PHOTOMETRY



MODEL NO. PRA2GRFVA432

Luminaire Efficacy Rating
LER-68.7 Watts-109.5 BF-0.86

coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

| | 20 | | 20 | | 20 | |
|----|----|----|----|----|----|----|
| | RF | RC | RF | RC | RF | RC |
| RW | 70 | 50 | 30 | 50 | 10 | 50 |
| | 30 | 50 | 10 | 50 | 30 | 10 |
| 1 | 84 | 81 | 78 | 76 | 74 | 73 |
| 2 | 77 | 71 | 67 | 67 | 64 | 65 |
| 3 | 71 | 63 | 58 | 60 | 55 | 58 |
| 4 | 65 | 57 | 51 | 54 | 49 | 52 |
| 5 | 60 | 51 | 45 | 49 | 43 | 47 |
| 6 | 56 | 46 | 40 | 44 | 39 | 43 |
| 7 | 52 | 42 | 36 | 40 | 35 | 39 |
| 8 | 49 | 39 | 32 | 37 | 32 | 36 |
| 9 | 45 | 36 | 30 | 34 | 29 | 34 |
| 10 | 43 | 33 | 27 | 32 | 27 | 31 |

visual comfort probability (rated lumens per lamp 3150.)

| room size | | ceiling height | | | | ceiling height | | | |
|-----------|-----|----------------|------|------|------|----------------|------|------|------|
| W | L | 8.5 | 10.0 | 13.0 | 16.0 | 8.5 | 10.0 | 13.0 | 16.0 |
| 20 | 20 | 61 | 65 | 72 | 79 | 58 | 63 | 69 | 76 |
| 20 | 30 | 54 | 58 | 63 | 69 | 50 | 54 | 60 | 66 |
| 20 | 40 | 50 | 53 | 58 | 62 | 45 | 49 | 54 | 59 |
| 20 | 60 | 46 | 49 | 52 | 57 | 41 | 45 | 48 | 53 |
| 30 | 20 | 62 | 67 | 71 | 77 | 60 | 65 | 69 | 75 |
| 30 | 30 | 54 | 58 | 62 | 67 | 51 | 55 | 60 | 65 |
| 30 | 40 | 50 | 53 | 56 | 60 | 46 | 49 | 53 | 57 |
| 30 | 60 | 46 | 49 | 51 | 54 | 41 | 45 | 47 | 51 |
| 30 | 100 | 44 | 46 | 47 | 51 | 39 | 42 | 43 | 47 |
| 40 | 20 | 63 | 68 | 72 | 76 | 62 | 67 | 71 | 75 |
| 40 | 30 | 55 | 59 | 63 | 67 | 53 | 57 | 61 | 65 |
| 40 | 40 | 50 | 53 | 57 | 60 | 47 | 50 | 54 | 57 |
| 40 | 60 | 46 | 49 | 51 | 54 | 42 | 45 | 47 | 51 |
| 40 | 80 | 44 | 46 | 47 | 50 | 40 | 42 | 43 | 47 |
| 40 | 100 | 44 | 45 | 45 | 48 | 39 | 41 | 41 | 44 |
| 60 | 30 | 56 | 60 | 64 | 67 | 54 | 59 | 62 | 66 |
| 60 | 40 | 51 | 54 | 57 | 60 | 48 | 52 | 55 | 58 |
| 60 | 60 | 46 | 49 | 50 | 54 | 43 | 46 | 47 | 51 |
| 60 | 80 | 44 | 46 | 47 | 50 | 40 | 43 | 43 | 46 |
| 60 | 100 | 43 | 45 | 45 | 47 | 39 | 41 | 41 | 43 |
| 100 | 40 | 53 | 56 | 58 | 62 | 52 | 55 | 57 | 61 |
| 100 | 60 | 49 | 51 | 52 | 55 | 46 | 49 | 50 | 53 |
| 100 | 80 | 46 | 48 | 48 | 51 | 43 | 45 | 45 | 48 |
| 100 | 100 | 45 | 46 | 45 | 48 | 41 | 42 | 42 | 44 |

ORDERING INFORMATION

Explanation of Catalog Number. Example: PRA2GRFVA43212004RF

| | | | | | | | | | | |
|---|--|--------------------------|---|---|-----------|--------------------------|---|-------------------------------|--|---|
| PR | BODY STYLE: A=Air Handling S=Static | 2 | CEILING TYPE: G= Grid (lay-in T bar) T=Slot grid or two-directional concealed T see options) | RF | VA | 4 | LAMP TYPE/ FIXTURE LENGTH: 32=T8 34=T12 (Nominal 48") | VOLTAGE: 120 or 277 | BALLAST TYPE: LE 2 Lamp Mag. T12 2-2 Lamp Elec. T8 1-4 Lamp Elec. T8 LOL T8 Dimming *Instant Start Standard | OPTIONS: Add appropriate suffix to catalog no. ie: (RF) |
| PRISMALYTE plus: Floating Lens Frame Recessed Fluorescent Troffer | | FIXTURE WIDTH | | LENS FRAME: RF=1/2" regressed floating aluminum frame with 7/16" black reveal four sides. | | LAMP QUANTITY | | | | |

OPTIONS & ACCESSORIES

SPECIAL LENSES: Substitute VB for VA (standard) = .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute VI for VA (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

SPLAY TRIM: For T ceiling type only. SUFFIX: CTZ24 S2 SPLAY TRIM.

RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: RF.

AIR CLOSURE STRIP: SUFFIX ACS4 (factory installed).

ELECTRICAL WIRING OPTIONS: Consult factory.

DRYWALL KIT: Order Catalog Number: FK92X4.

(Request Folio OA30-10.)

CHICAGO PLENUM: SUFFIX: CP.

SPECIFICATIONS

PERFORMANCE: In an installation of 4 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .81. To prevent glare the VCP shall be not less than 43 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2805 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 67.3%.

AIR HANDLING: (PRA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided

through the lamp compartment through fixture body ends.

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel.

Housing with side rails hemmed over and housing ends turned-in for safe handling.

FINISH: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

LENSES: VA (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12). VB (optional) .125" nominal pattern 12 with 7.8 oz. average weight per square foot. VI (optional) .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W./UL and C-ULc Listed.

| Job Information | Type: |
|-----------------|-------|
|-----------------|-------|

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